

In the drawings:

A substitute drawing is attached for Figure 11 as requested by the Examiner to illustrate the means for compensating the sensed characteristic of the output optical signal containing electric field information corrupted by temperature variations as recited in Claim 1.

The following text and associated boxes and lines have been added:

(For electric-field phase drift correction.);

(Electric-field data-temperature dependent);

Electric-field magnitude data (compensated for temperature effects);

Temperature Data;

Electric-field phase data (compensated for phase drift);

Temperature dependent electric-field data;

Temperature data; and

Text Box with Post-Processing (computer).